



# Chapel Resources & Wrap-up



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COMPUTE | STORE | ANALYZE



# Safe Harbor Statement

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# Chapel-related Events at SC16

**Today:** This tutorial

**Today:** Women in HPC Workshop (all day)

- *Array initialization improvements in Chapel:* Lydia Duncan (Cray)

**This evening:** CHUG (Chapel Users Group) happy hour

- 7<sup>th</sup> annual meet-up, everyone's welcome to attend
- 5:30pm Settebello Pizzeria Napoletana

**Monday afternoon:** PGAS Applications Workshop

- *CoMD study in Chapel:* Dave Richards and Riyaz Haque (LLNL)
- *ISx study in SHMEM and Chapel:* Jake Hemstad (U Minn / Sandia), Ulf Hanebutte (Intel), Ben Harshbarger and Brad Chamberlain (Cray)
- *PGAS Applications panel:* chaired by Brad Chamberlain (Cray)

**Wednesday:** PGAS BoF, 12:15pm

**Thursday:** Talk to a Chapel developer, PGAS booth, 10am-noon

**all week:** PGAS Booth Poster on Chapel CoMD study, Meet by Request

additional details at <http://chapel.cray.com/events.html>



# Where to..

## Ask questions about the language and its usage:

Stack Overflow: [chapel] tags followed by core developers

chapel-users@lists.sourceforge.net: user-oriented discussion list

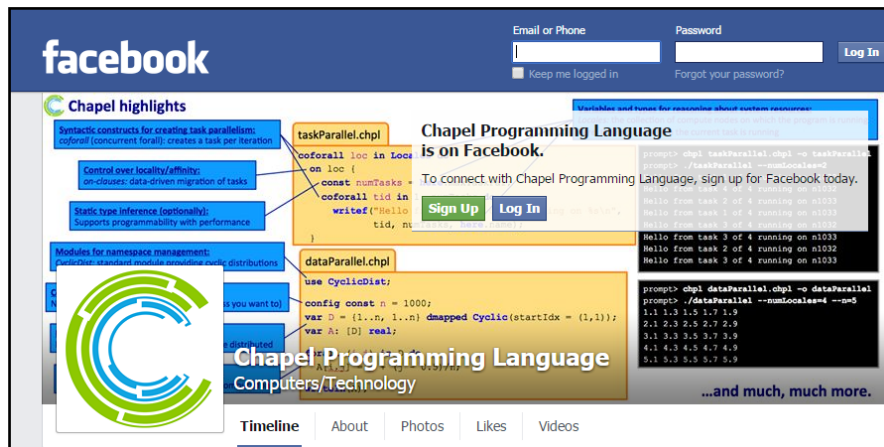
#chapel (irc.freenode.net): user-oriented IRC channel

## Find announcements about the project:

chapel-announce@lists.sourceforge.net: low frequency announcements

facebook.com/ChapelLanguage: high frequency announcements

twitter.com/ChapelLanguage: high frequency announcements





# Where to..

## Submit bug reports:

[chapel-bugs@lists.sourceforge.net](mailto:chapel-bugs@lists.sourceforge.net): public bug forum

[chapel\\_bugs@cray.com](mailto:chapel_bugs@cray.com): for reporting non-public bugs

## Discuss Chapel development

[chapel-developers@lists.sourceforge.net](mailto:chapel-developers@lists.sourceforge.net): developer discussions

[#chapel-developers \(irc.freenode.net\)](https://irc.freenode.net/#chapel-developers): developer-oriented IRC channel

## Discuss Chapel's use in education

[chapel-education@lists.sourceforge.net](mailto:chapel-education@lists.sourceforge.net): educator discussions

## Directly contact Chapel team at Cray

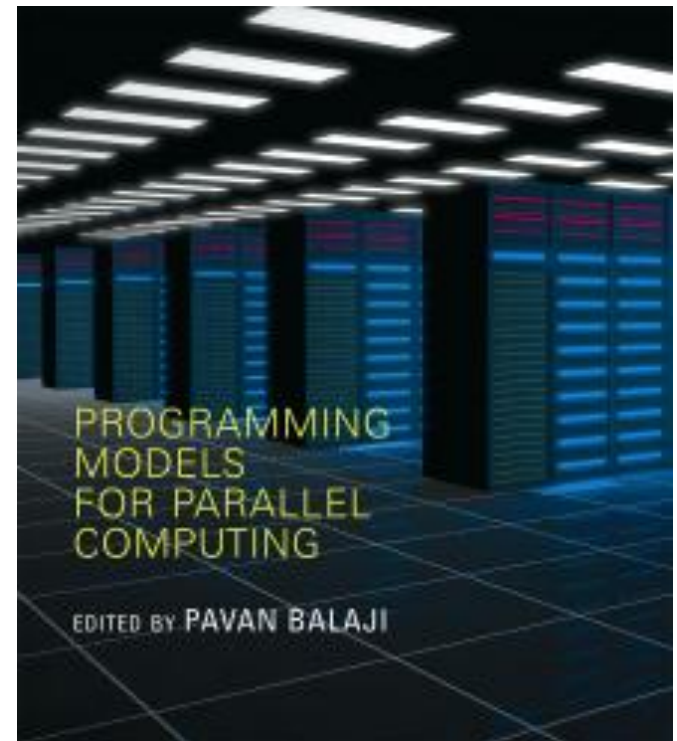
[chapel\\_info@cray.com](mailto:chapel_info@cray.com)



# Suggested Reading

Chapel chapter from [Programming Models for Parallel Computing](#)

- a detailed overview of Chapel's history, motivating themes, features
- published by MIT Press, November 2015
- edited by Pavan Balaji (Argonne)
- chapter is now also available [online](#)



Other Chapel papers/publications available at <http://chapel.cray.com/papers.html>



# Chapel Blog Articles

**[Chapel: Productive Parallel Programming](#)**, [Cray Blog](#), May 2013.

- *a short-and-sweet introduction to Chapel*

**[Six Ways to Say “Hello” in Chapel](#)** (parts [1](#), [2](#), [3](#)), [Cray Blog](#), Sep-Oct 2015.

- *a series of articles illustrating the basics of parallelism and locality in Chapel*

**[Why Chapel?](#)** (parts [1](#), [2](#), [3](#)), [Cray Blog](#), Jun-Oct 2014.

- *a series of articles answering common questions about why we are pursuing Chapel in spite of the inherent challenges*

***[Ten] Myths About Scalable Programming Languages***, [IEEE TCSC Blog](#) ([index available on chapel.cray.com “blog articles” page](#)), Apr-Nov 2012.

- *a series of technical opinion pieces designed to argue against standard reasons given for not developing high-level parallel languages*





# Don't forget!

- **Please complete SC16's online survey for this tutorial**
  - (feel free to give or send us feedback directly as well)
- **Take some Chapel stickers / screen wipes!**
- **Join us for CHUG tonight at Settebello Pizzeria Napoletano**
- **Join us at Cray's party Tuesday evening**
  - see a Chapel team member for tickets (if you're not a competitor)





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